share

learn

explore

care

hope

understand

believe

# South Dakota Educational Technology Standards

## Second Grade

Strands include:

- Nature, Concepts, and Systems

- Social Interactions

- Information and Communication Tools

- Information and Communication Processes
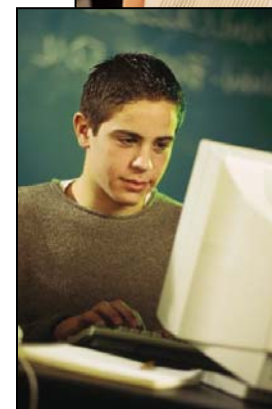
- Information Literacy and Decision Making

south dakota
**DEPARTMENT OF EDUCATION**
Learning. Leadership. Service.

For Further Information Contact:

Peg Henson
Curriculum Technology Specialist
peg.henson@state.sd.us
T 605.773.2489
F 605.773.3782

Through the No Child Left Behind Act, the Enhancing Education Through Technology (Ed Tech) Program was created. The primary goal of the program is to improve student's academic achievement through the use of technology in schools. These standards were created and designed to assist every student in crossing the digital divide by ensuring that they are technologically literate by the end of their public education in South Dakota.

# Standards with Indicators

## Nature, Concepts, and Systems

**Indicator 1**: Students understand the history and progression of technology in relation to the development and design of future technology.

**2.NC.1.1** Describe the progression of technology.

**Indicator 2**: Students analyze the parts of a technological system in terms of input, process, output, and feedback.

**2.NC.2.1** Define each component in a systems-thinking model.

**Indicator 3**: Students analyze the relationships and connections between technologies in different fields of study and how they apply to communities.

**2.NC.3.1** Classify whether technologies are used in the home, school, or community.

**2.NC.3.2** Recognize that technology has an interrelationship with the environment.

**2.NC.3.3** Identify responsible digital citizenship relative to technology and its use.

**Indicator 4**: Students understand the purpose and demonstrate the use of the design process in problem solving.

**2.NC.4.1** Choose among given alternatives to solve a problem.

## Social Interaction

**Indicator 1**: Students understand the safe, ethical, legal, and societal issues related to technology.

**2.SI.1.1** Describe ownership rights of technology-created work. (copyright)

**2.SI.1.2** Utilize safe technology behaviors.

**Indicator 2**: Students investigate the advantages and disadvantages of technology.

**2.SI.2.1** Identify advantages of tools/technology in the community.

## Information and Communication Tools

**Indicator 1**: Students recognize and demonstrate skills in operating technological systems.

**2.CT.1.1** Demonstrate saving and retrieving a file to/from a specified, existing folder with assistance.

✓ Identify and use correct finger placement of home row keys.

**Indicator 2**: Students use technology to enhance learning, extend capability, and promote creativity.

**2.CT.2.1** Use a directed variety of media for learning activities.

**Indicator 3**: Students evaluate and select information tools based on the appropriateness to specific tasks.

**2.CT.3.1** Select an appropriate tool for a task given a list of technologies.

## Information and Communication Processes

**Indicator 1**: Students understand the purpose of information technologies to communicate with a variety of collaborators.

**2.CP.1.1** With assistance, demonstrate the ability to work with others when using technology tools to convey ideas or illustrate simple concepts.

**Indicator 2**: Students exchange information and ideas for an identified purpose through information technologies.

**2.CP.2.1** Use information technologies to communicate and share an idea, with assistance.

## Information Literacy and Decision Making

**Indicator 1**: Students use technology to locate and acquire information.

**2.IL.1.1** Select from several teacher-selected Internet sites to locate information.

✓ Use keywords with assistance as a search strategy.

**Indicator 2**: Students determine the reliability and relevancy of information.

**2.IL.2.1** Distinguish between fact, fiction, and opinion.

NOTE: checkmarks (✓) are skills that should be introduced at this grade level to ensure mastery occurs at a later grade.